

Converting Colors

CIELCh(71, 2.741, 246.236)

Have a look what the booklet for
CIELCh(71, 2.741, 246.236) contains.

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Color

CIELCh(71, 2.733, 236.280)

Conversions

Conversions Part 1

Format	Color
Hex	A9AFB2
RGB	169, 175, 178
RGB Percent	66%, 69%, 70%
CMY	0.3381, 0.3146, 0.3028
CMYK	0.05, 0.02, 0.00, 0.30
HSL	200°, 6%, 68%
HSV	200°, 5%, 70%
XYZ	39.6132, 42.1875, 48.0552
YIQ	173.5480, -4.5390, -0.3390

Conversions

Conversions Part 2

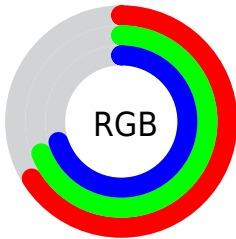
Format	Color
RYB	169, 173, 178
Decimal	11120562
CIELab	71.00, -1.52, -2.27
CIELCh	71, 2.733, 236.280
Yxy	42.1875, 0.3051, 0.3249
Android (android.graphics.Color)	4289310642 (0xFFA9AFB2)
YUV	173.5480, 2.1948, -3.9886
Hunter-Lab	64.9519, -4.8013, 1.6001

Details

The CIELCh color $71, 2.733, 236.280$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 2.794, 55.103$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 2.936, 244.518$, and $51, 2.609, 225.863$ is the 20% darker color. If you saturate the color by 10%, you get $68, 7.979, 237.118$, and if you desaturate by 10%, it is $74, 2.699, 55.118$.

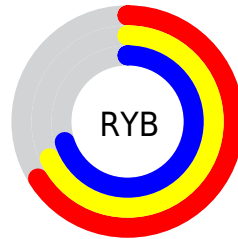
Distribution



Red (66%)

Green (69%)

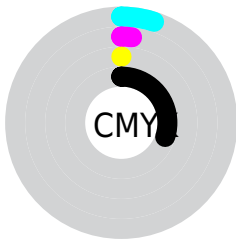
Blue (70%)



Red (66%)

Yellow (68%)

Blue (70%)

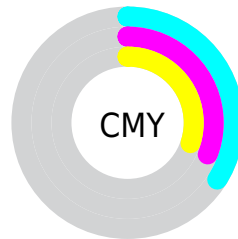


Cyan (5%)

Magenta (2%)

Yellow (0%)

Black (30%)



Cyan (34%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 2.733, 236.280 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 71, 2.733, 236.280 by changing the saturation by 10% instead.

■ 71, 2.733, 236.280

■ 71, 2.733, 236.280

■ 100, 2.733,
236.280

■ 61, 2.733, 236.280

■ 91, 2.733, 236.280

■ 51, 2.733, 236.280

■ 41, 2.733, 236.280

■ 31, 2.733, 236.280

■ 21, 2.733, 236.280

■ 11, 2.733, 236.280

■ 1, 2.733, 236.280

■ 0, 2.733, 236.280

■ 71, 2.733, 236.280

■ 71, 2.733, 236.280

68, 7.979, 237.118

74, 2.699, 55.118

65, 12.988,
238.324

77, 8.271, 54.588

63, 17.705,
239.844

80, 13.945, 54.090

60, 22.076,
241.743

83, 19.690, 53.674

57, 26.053,
244.102

86, 24.577, 54.652

55, 29.613,
247.005

87, 24.671, 63.155

53, 32.764,
250.525

89, 25.309, 71.388

50, 35.569,
254.697

90, 26.448, 79.032

48, 38.146,
259.474

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71, 2.733, 236.280



71, 2.794, 55.103

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 2.733, 236.280



71, 2.733, 286.280



71, 2.733, 56.280



71, 2.733, 106.280

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71, 2.733, 236.240



91, 1.351, 236.222



72, 4.775, 154.687



49, 0.775, 236.236



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 2.733, 236.240



90, 4.016, 236.306



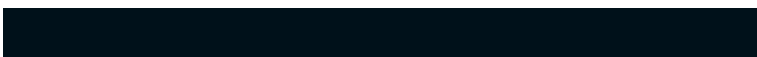
70, 4.066, 281.988



37, 2.142, 236.335



41, 35.065, 261.190



4, 7.723, 248.670

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70, 4.743, 335.933



88, 6.988, 336.017



72, 4.027, 100.799



36, 3.732, 336.051



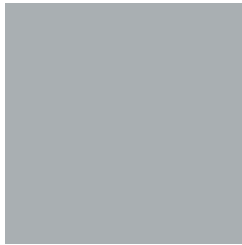
33, 61.960, 347.017



2, 11.883, 340.570

Previews

White Background



This preview shows how the CIELCh color 71, 2.733, 236.280 looks on a white background.

Color Contrast Check

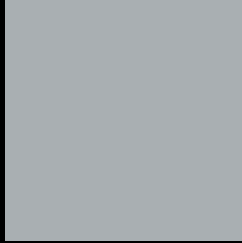
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 2.733, 236.280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

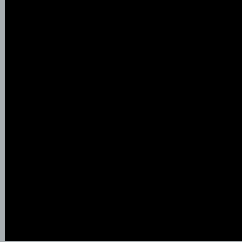
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

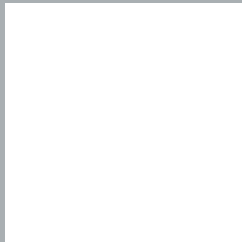
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 2.733, 236.280

Background



This preview shows how black text looks on a background with the CIELCh color 71, 2.733, 236.280.



This preview shows how white text looks on a background with the CIELCh color 71, 2.733, 236.280.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color


71, 2.733, 236.280

Protanopia

71, 2.473, 317.317

Deuteranopia

71, 9.656, 341.858



Tritanopia
71, 7.708, 282.852

Trichromacy



Original Color
71, 2.733, 236.280

Protanomaly
71, 1.680, 277.594

Deuteranomaly
71, 6.446, 330.224

Tritanomaly
71, 5.627, 275.724

Monochromacy



Original Color
71, 2.733, 236.280

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.239, 225.905

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 2.733, 236.280 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(169, 175, 178)` looks like.

```
.text, #text, p{  
    color:rgb(169, 175, 178)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(169, 175, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 175, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 2.733, 236.280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

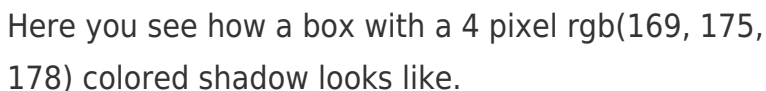
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 175, 178) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(169, 175, 178) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(169, 175, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 175, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 175, 178);  
box-shadow:4px 4px 4px 4px rgb(169, 175,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 2.733, 236.280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 175, 178) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(169,  
175, 178) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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